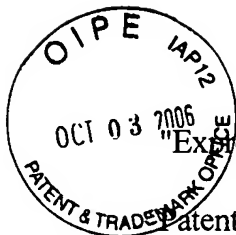


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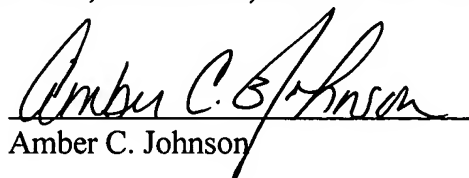


EXPRESS MAIL CERTIFICATE

Certificate
OCT 1 1 2006
of Correction

"Express Mail" Label No. : EV 517 993 499 US
Patent No. : 6,996,476 B2
Applicant(s) : Kayvan Najarian
Issue Date : February 7, 2006
Title : METHODS AND SYSTEMS FOR GENE EXPRESSION
ARRAY ANALYSIS
Examiner : Shubo Zhou
Group Art Unit : 1631
Type of Document(s) : Express Mail Certificate;
Transmittal Form;
Request for Certificate of Correction of Patent for
Applicants Mistake (37 C.F.R. § 1.323) and PTO
Mistakes (37 C.F.R. § 1.322(a)) (*in duplicate*);
Certificate of Correction (PTO/SB/44) (*in duplicate*);
Credit Card Payment Form (PTO-2038) in amount of
\$100; and
Return Postcard

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and are addressed to the Attention of the Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

 (signature)
Amber C. Johnson

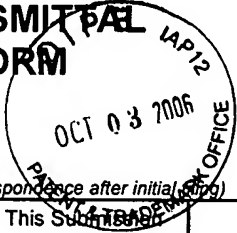
Date Mailed: October 3, 2006

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9235547.1

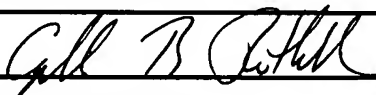
10/05/2006 CNGUYEN 00000095 6996476
01 FC:1811

100.00 OP

OCT 1 1 2006

TRANSMITTAL FORM  (to be used for all correspondence after initial filing)	Patent Number	6,996,476 B2 (Appl. No. 10/812,726)
	Issue Date	February 7, 2006
	First Named Inventor	Kayvan Najarian
	Art Unit	1631
	Examiner Name	Shubo Zhou
Total Number of Pages in This Submission	Attorney Docket Number	46872-293662

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Express Mail Certificate; Request for Certificate of Correction of Patent for Applicants Mistake (37 C.F.R. § 1.323) and PTO Mistakes (37 C.F.R. § 1.322(a)) (<i>in duplicate</i>); Certificate of Correction (PTO/SB/44) (<i>in duplicate</i>); Credit Card Payment Form (PTO-2038) in amount of \$100; and Return Postcard		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Kilpatrick Stockton LLP		
Signature			
Printed Name	Cynthia B. Rothschild		
Date	10-3-2006	Reg. No.	47,040

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

OCT 11 2006



Express, Mail Label No. EV 517 993 499 US
Patent No. 6,996,476 B2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentees : Kayvan Najarian
Patent No. : 6,996,476 B2
Issued : February 7, 2006
Title of Invention : METHODS AND SYSTEMS FOR GENE EXPRESSION
ARRAY ANALYSIS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
OF PATENT FOR APPLICANT'S MISTAKE (37 C.F.R. § 1.323) AND FOR
PTO MISTAKES (37 C.F.R. § 1.322(a))

Dear Sir:

U.S. Patent Application Number 10/812,726, from which the above-referenced patent issued, was filed on March 30, 2004. This communication is being submitted to request that a Certificate of Correction under 37 C.F.R. §§ 1.322 and 1.323 be issued for the above-referenced U.S. Patent to correct errors made by the Applicant and PTO.

A Credit Card Payment Form (PTO-2038) in the amount of \$100 is enclosed to cover the filing fee for this correction. The Commissioner is hereby authorized to charge any additional fees required by this action, or credit any overpayment, to Deposit Account No. 16-1435. A duplicate of this sheet is enclosed for that purpose.

Attached in duplicate is PTO/SB/44 stating the text of the corrections. At least one copy is suitable for printing. The exact column and line numbers where the errors are in the patent for the Applicant and PTO errors are described herein.

10/05/2006 CNGUYEN 00000095 6996476

01 FC:1811

100.00 OP

OCT 11 2006

Applicant's Error:

1. Under "DETAILED DESCRIPTION"

PATENT

- a. Column 5, Line 51
b. Column 31, Line 52

APPLICATION

Page 8, Line 26
Page 24, Equation 1

PTO Errors:

1. Under "DETAILED DESCRIPTION"

PATENT

- a. Column 19, Line 8
b. Column 19, Line 29
c. Column 22, Equation 13
d. Column 23, Equation 17
e. Column 23, Equation 18
f. Column 23, Equation 19
g. Column 24, Line 29
h. Column 24, Equation 23
i. Column 30, Example 2
j. Column 32, Line 42

APPLICATION

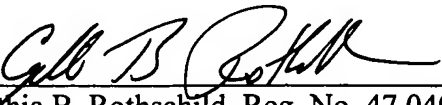
Amend. and Response mailed 4/6/2005
Amend. and Response mailed 4/6/2005
Page 38, Equation 13
Page 38, Equation 17
Page 38, Equation 18
Page 39, Equation 19
Page 40, Line 20
Page 40, Equation 23
Page 50, Example 2
Amend. and Response mailed 4/6/2005

The corrections requested above, as stated in Form PTO/SB/44, involve no new matter.

Please direct any questions regarding this request, and send the Certificate of Correction, to the undersigned.

Respectfully submitted,

Date: October 3, 2006

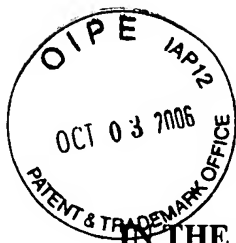

Cynthia B. Rothschild, Reg. No. 47,040

Kilpatrick Stockton LLP
1001 West Fourth Street
Winston-Salem, NC 27101
(336) 747-7541 phone
(336) 607-7500 facsimile

01 FC:1811

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9235719.1



Express Mail Label No. EV 517 993 499 US
Patent No. 6,996,476 B2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentees : Kayvan Najarian
Patent No. : 6,996,476 B2
Issued : February 7, 2006
Title of Invention : METHODS AND SYSTEMS FOR GENE EXPRESSION
ARRAY ANALYSIS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
OF PATENT FOR APPLICANT'S MISTAKE (37 C.F.R. § 1.323) AND FOR
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Page 8, Line 26
Page 24, Equation 1

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PATENT

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- d. Column 23, Equation 17
- e. Column 23, Equation 18
- f. Column 23, Equation 19
- g. Column 24, Line 29
- h. Column 24, Equation 23
- i. Column 30, Example 2
- j. Column 32, Line 42

APPLICATION

Amend. and Response mailed 4/6/2005
Amend. and Response mailed 4/6/2005
Page 38, Equation 13
Page 38, Equation 17
Page 38, Equation 18
Page 39, Equation 19
Page 40, Line 20
Page 40, Equation 23
Page 50, Example 2
Amend. and Response mailed 4/6/2005

The corrections requested above, as stated in Form PTO/SB/44, involve no new matter.

Please direct any questions regarding this request, and send the Certificate of Correction, to the undersigned.

Respectfully submitted,

Date: October 3, 2006


Cynthia B. Rothschild, Reg. No. 47,040

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(336) 747-7541 phone
(336) 607-7500 facsimile

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9235719.1

OCT 11 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,996,476 B2

Page 1 of 1

APPLICATION NO. : 10/812,726

ISSUE DATE : February 7, 2006

INVENTOR(S) : Kayvan Najarian

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Under DETAILED DESCRIPTION:

Column 5, Line 51, the equation " $x(t)=f(s(t))+n(t)$ " should read— $x(t)=f(s(t))+n(t)$ —

Column 19, Line 8, that portion reading "Non-linear algorithms may be better suited to sin aller" should read -- Non-linear algorithms may be better suited to smaller --

Column 19, Line 29, that portion reading "Although not as accurate as the original ICA," should read -- Although not as accurate as the original ICA, --

Column 22, Equation 13 that reads " $\varepsilon(t,\theta)=\hat{y}(t)-y(t|\theta)$ " should read— $\varepsilon(t,\theta)= y(t)-\hat{y}(t|\theta)$ —

Column 23, Equation 17 that reads " $\hat{y}(t|\theta)=\Phi^T(t)\theta$ " should read— $\hat{y}(t|\theta)=\phi^T(t)\theta$ —

Column 23, Equation 18 that reads " $\Phi(t)=[-y(t-1)-y(t-2)\dots]$ " should read— $\phi(t)=[-y(t-1)-y(t-2)\dots]$ —

Column 23, Equation 19 that reads " $\varepsilon(t,\theta)=y(t)-\Phi^T(t)\theta$ " should read— $\varepsilon(t,\theta)=y(t)-\phi^T(t)\theta$ —

Column 24, Line 29, the phrase " θ and $\Phi(t)$ " should read— θ and $\phi(t)$ —

Column 24, Equation 23 that read " $\Phi(t)=[-Y(t-1)-Y(t-2)\dots-Y(t-n)]^T$ " should read-- $\phi(t)=[-Y(t-1)-Y(t-2)\dots-Y(t-n)]^T$ --

Column 30, Example 2, the word "Genaes" should read—Genes—

Column 31, Line 52 the equation " $x(t)=f(s(t))+n(t)$ " should read— $x(t)=f(s(t))+n(t)$ —

Column 32, Line 42 (Claim 18), the equation " $y_i=f(y_1, y_2, \dots, y_n, u_1, u_m)+e$ " should read-- $y_i=f(y_1, y_2, \dots, y_n, u_1, \dots, u_m)+e$ --

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Cynthia B. Rothschild
Kilpatrick Stockton LLP
1001 West Fourth Street
Winston Salem, NC 27106

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,996,476 B2

Page 1 of 1

APPLICATION NO. : 10/812,726

ISSUE DATE : February 7, 2006

INVENTOR(S) : Kayvan Najarian

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Cynthia B. Rothschild
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1001 West Fourth Street
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